

VEHICLE COOLING PACKAGE

Abstract of the Disclosure

A vehicle cooling package has a fan shroud mounted to a heat exchanger assembly. A diverter plate is mounted adjacent to the shroud and spaced therefrom with a fan interposed therebetween. A diverting surface of the shroud and the diverter plate are angled from the axis of the fan when the shroud and plate are assembled to the vehicle. A vehicle hood has upper and side surfaces each having air discharge apertures corresponding with the space between the diverting surface and the diverter plate when the hood is closed. The diverting surface and the diverter plate both extend fully to the hood assembly when the hood is closed. The angles of the diverting surface and the diverter plate closely match a natural discharge angle of the fan, so that air is discharged from the fan at a high velocity from under the hood through the air discharge apertures.

Assignment

The entire right, title and interest in and to this application and all subject matter disclosed and/or claimed therein, including any and all divisions, continuations, reissues, etc., thereof are, effective as of the date of execution of this application, assigned, transferred, sold and set over by the applicant(s) named herein to Deere & Company, a Delaware corporation having offices at Moline, Illinois 61265, U.S.A., together with all rights to file, and to claim priorities in connection with, corresponding patent applications in any and all foreign countries in the name of Deere & Company or otherwise.